

Claims

What is claimed is:

- 1 1. A receptacle assembly, comprising:
2 a body;
3 a data transfer portion attached to the body; and
4 a wireless communication portion attached to body, the wireless
5 communication portion including an antenna connector attached to the body.
- 1 2. The receptacle assembly of claim 1 wherein the wireless communication portion
includes a substantially integral antenna.
- 1 3. The receptacle assembly of claim 1 wherein the wireless communication portion
includes a controlled impedance interface connected to the connector.
- 1 4. The receptacle assembly of claim 3 wherein the controlled impedance interface
is a coaxial-type cable.
- 1 5. The receptacle assembly of claim 1 wherein the data transfer portion includes
2 an RJ45-type receptacle including a plurality of contacts.
- 1 6. The receptacle assembly of claim 1 further comprising:
2 a manually operable switch attached to the body.
- 1 7. The receptacle assembly of claim 6 wherein the switch is manually movable
2 between a first position and a second position.

- 1 8. The receptacle assembly of claim 7 wherein the data transfer portion includes
2 an RJ45-type receptacle including a plurality of contacts.
- 1 9. The receptacle assembly of claim 1 further comprising:
2 a plurality of illumination devices attached to the body.
- 1 10. The receptacle assembly of claim 9 wherein each one of the illumination devices
2 includes a light emitting diode.
- 1 11. The receptacle assembly of claim 9 wherein each one of the illumination devices
2 includes a light conducting member having a cavity therein for receiving a
3 powered illumination device.
- 1 12. The receptacle assembly of claim 9 wherein the data transfer portion includes
2 an RJ45-type receptacle including a plurality of contacts.
- 1 13. A communication apparatus, comprising:
2 a wireless communication device;
3 a network interface device;
4 a receptacle assembly body;
5 a data transfer portion attached to the receptacle assembly body, the data
6 transfer portion being electrically connected to the network interface device; and
7 a wireless communication portion attached to receptacle assembly body,
8 the wireless communication portion being electrically connected to the wireless
9 communication device.

SLB
B4

1 14. The apparatus of claim 13 wherein the wireless communication device includes
2 a radio and wherein the wireless communication portion includes an antenna
3 attached to the radio.

1 15. The apparatus of claim 13 wherein the wireless communication device includes
2 a radio and wherein the wireless communication portion includes an antenna
3 connector attached to the radio.

1 16. The apparatus of claim 13 further comprising:
2 a manually operable switch attached to the body, the switch being
3 electrically connected to the wireless communication device.

1 17. The apparatus of claim 16 wherein the switch is movable between a first
2 position and a second position, the wireless communication device being made
3 inoperable when the switch is moved from the first position toward the second
4 position.

1 18. The apparatus of claim 13 further comprising:
2 a plurality of illumination devices attached to the body.

1 19. The apparatus of claim 18 wherein each one of the illumination devices includes
2 a light emitting diode electrically connected to the wireless communication
3 device.

1 20. The apparatus of claim 18 wherein each one of the illumination devices includes
2 a light conducting member including a cavity therein for receiving a powered
3 illumination device.

Patent

Docket No.: DC-02128 (16356.516)

1 21. The apparatus of claim 20 wherein each one of the powered illumination devices
2 includes a light emitting diode electrically connected to the wireless
3 communication device.

1 22. The apparatus of claim 13 wherein the wireless communication portion includes
2 a connector electrically connected to the wireless communication device.

1 23. The apparatus of claim 13 further comprising:
2 an controlled impedance interface connected between the wireless
3 communication device and the wireless communication portion.

1 24 A computer system, comprising:
2 an enclosure;
3 a microprocessor mounted in the enclosure,
4 a system memory coupled to provide storage to facilitate execution of
5 computer programs by the microprocessor;
6 an input coupled to provide input to the microprocessor;
7 a display coupled to the processor by a video controller;
8 a mass storage coupled to the microprocessor;
9 a wireless communication device electrically connected to the microprocessor;
10 a network interface device electrically connected to the microprocessor;
11 a receptacle assembly body;
12 a data transfer portion attached to the receptacle assembly body, the data
13 transfer portion being electrically connected to the network interface device; and
14 a wireless communication portion attached to receptacle assembly body,
15 the wireless communication portion being electrically connected to the wireless
16 communication device.

sub-a⁶
ant

005210025460